

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000914.D
 Acq On : 09 Dec 2019 14:21
 Operator : SY/MD
 Sample : K6187-07
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	93419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	163477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	135838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	61918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	49101	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	7.73	113	45937	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	10.18	98	190772	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.48	95	60320	42.17	ug/l	0.00
Spiked Amount			Recovery	=	84.34%	

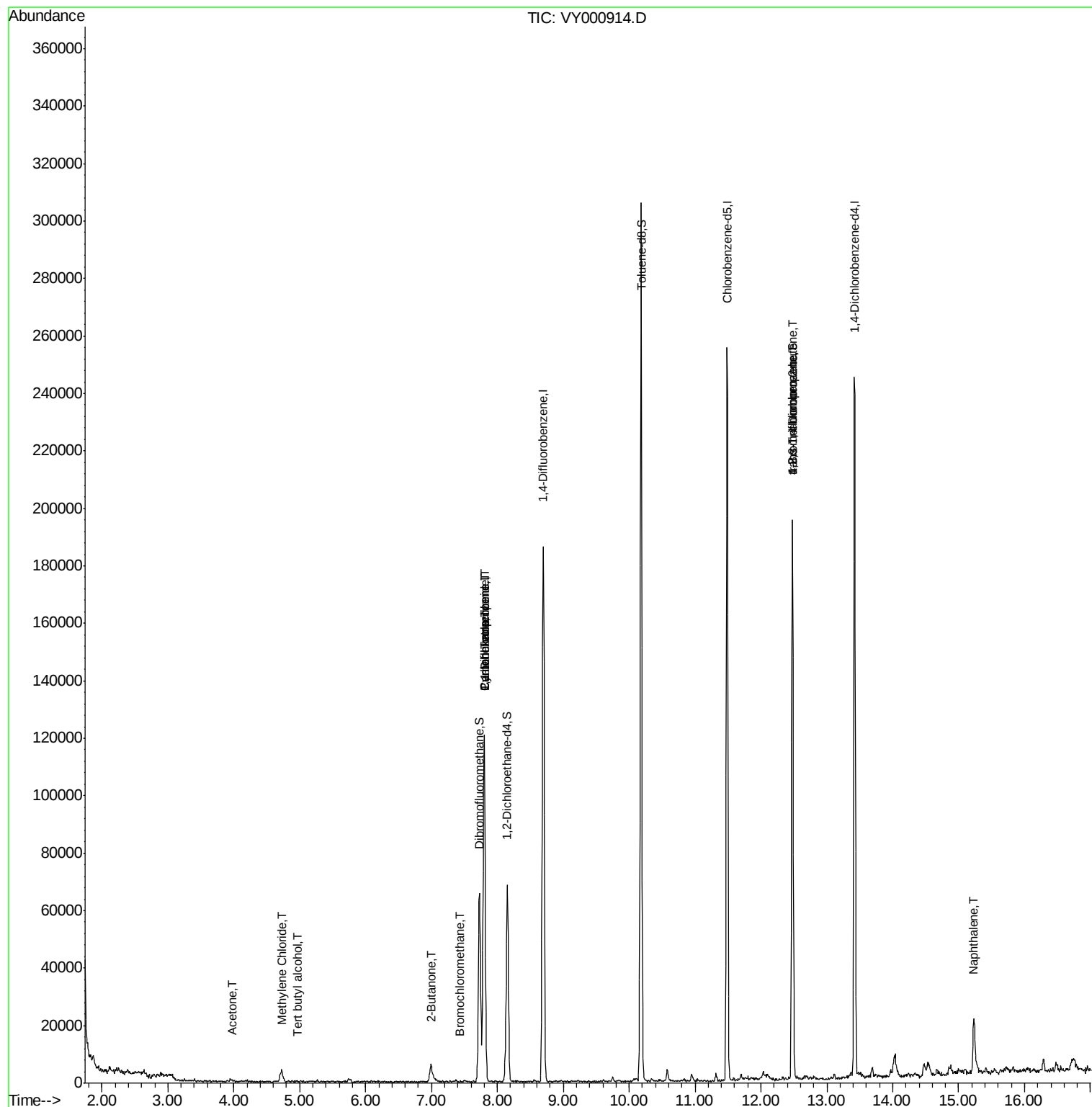
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	271	Below Cal	#	3
11) Tert butyl alcohol	4.96	59	137	1.372	ug/l #	74
16) Acetone	3.96	43	1632	7.167	ug/l #	70
20) Methylene Chloride	4.72	84	3168	2.639	ug/l #	77
25) 2-Butanone	7.01	43	541	1.286	ug/l	100
28) Bromochloromethane	7.44	49	21	2.043	ug/l #	15
31) Cyclohexane	7.80	56	2231	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	7319	4.503	ug/l #	50
38) Carbon Tetrachloride	7.80	117	9101	6.287	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	30596	43.614	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	30596	85.670	ug/l #	18
95) Naphthalene	15.23	128	11413	3.852	ug/l #	95

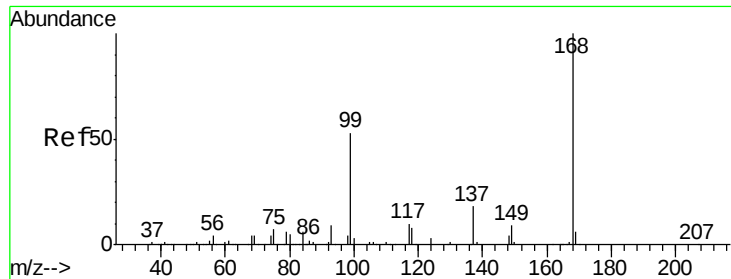
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
Data File : VY000914.D
Acq On : 09 Dec 2019 14:21
Operator : SY/MD
Sample : K6187-07
Misc : 5.07G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 10 06:25:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration



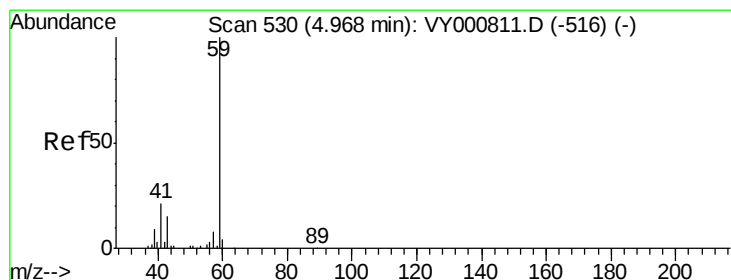
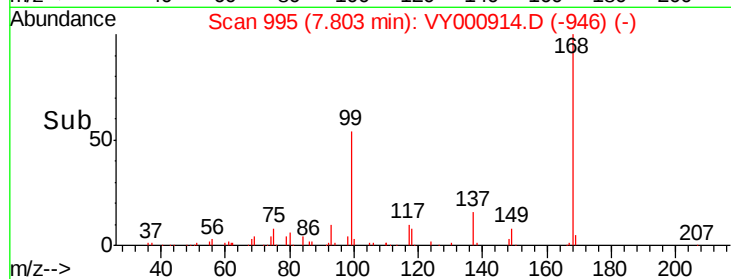
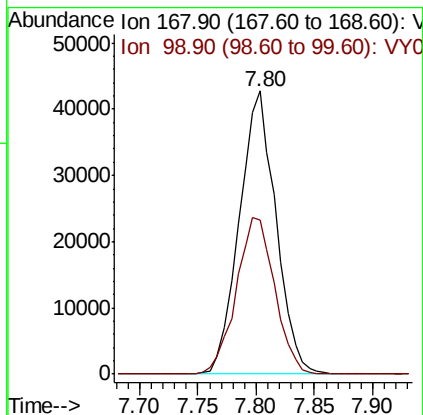
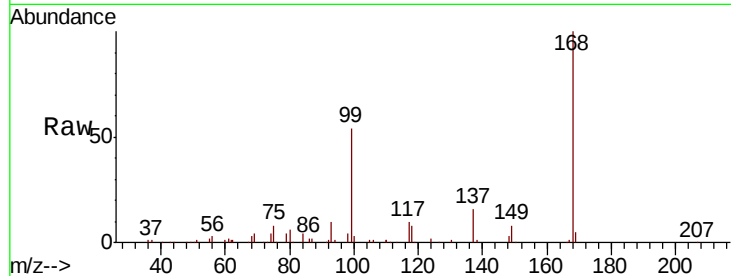


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :

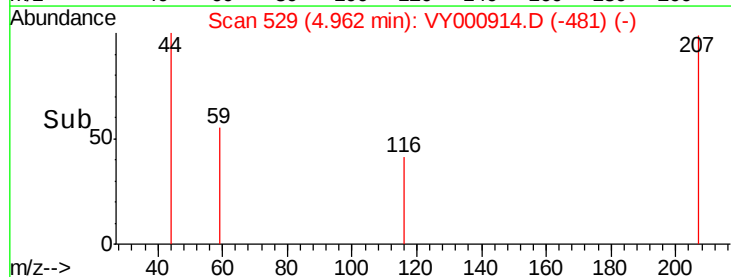
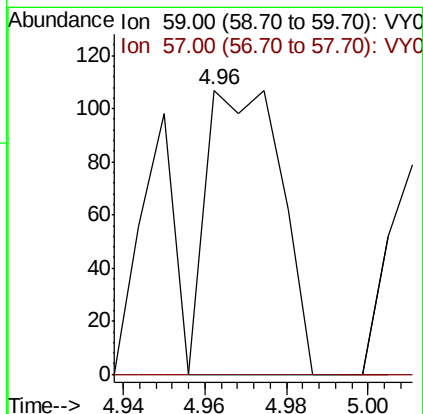
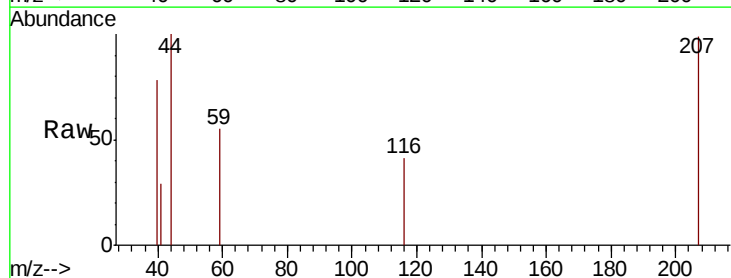
Tot Ion:168 Resp: 93419
 Ion Ratio Lower Upper
 168 100
 99 54.4 45.0 67.6

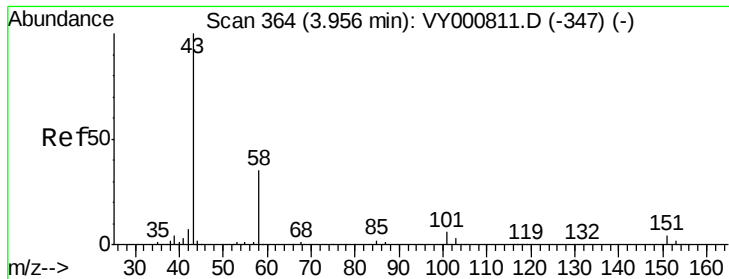


#11

Tert butyl alcohol
 Concen: 1.372 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

Tgt Ion: 59 Resp: 137
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#





#16

Acetone

Concen: 7.167 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Instrument :

MSVOA_Y

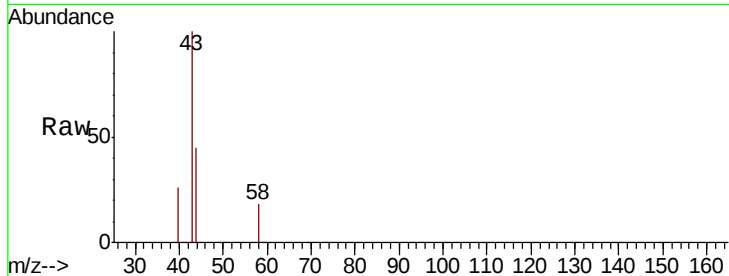
ClientSampleId :

Tot Ion: 43 Resp: 1632

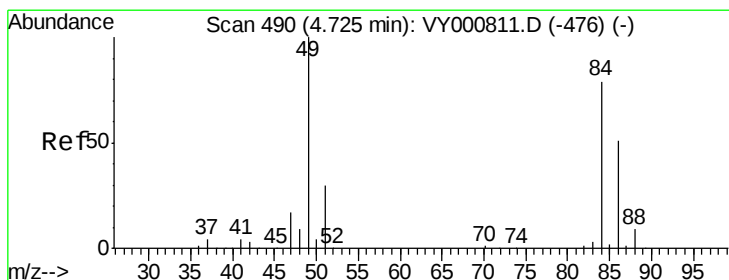
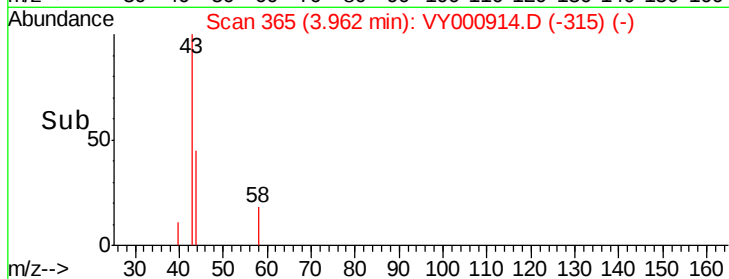
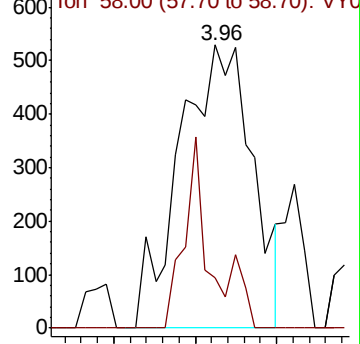
Ion Ratio Lower Upper

43 100

58 17.8 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)



#20

Methylene Chloride

Concen: 2.639 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Tgt Ion: 84 Resp: 3168

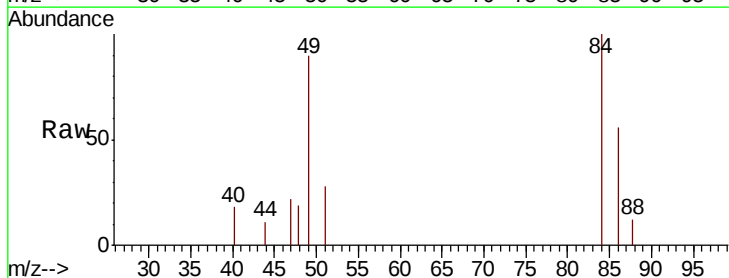
Ion Ratio Lower Upper

84 100

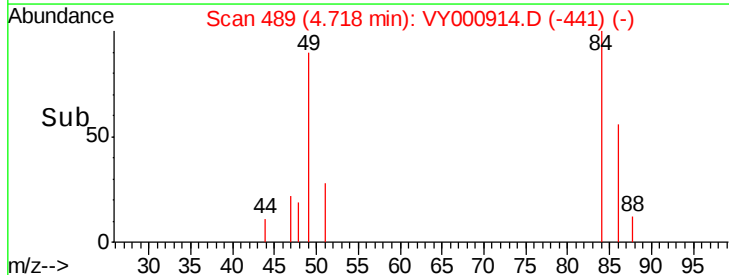
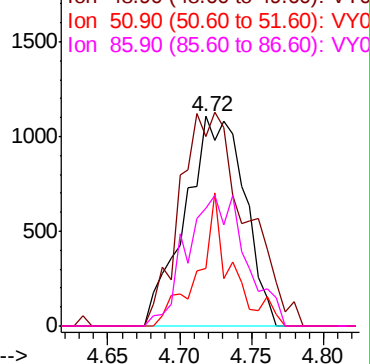
49 90.2 101.3 151.9#

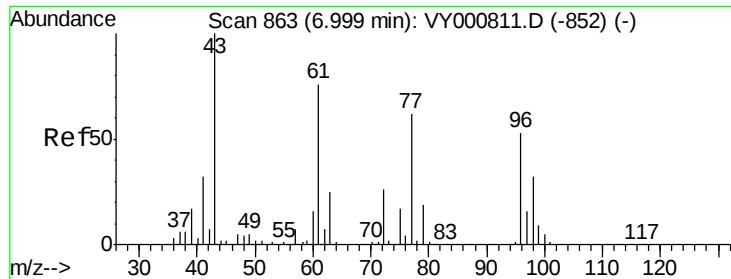
51 27.7 30.6 45.8#

86 56.4 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000811.D (-476) (-)





#25

2-Butanone

Concen: 1.286 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

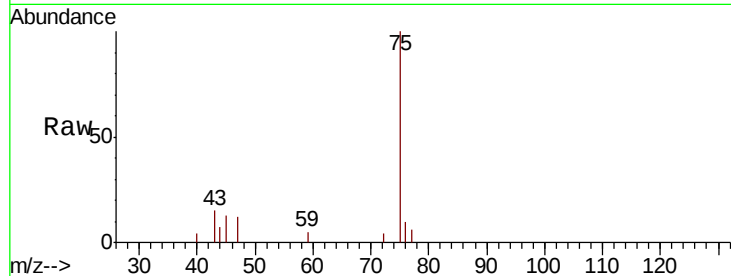
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.01

400

300

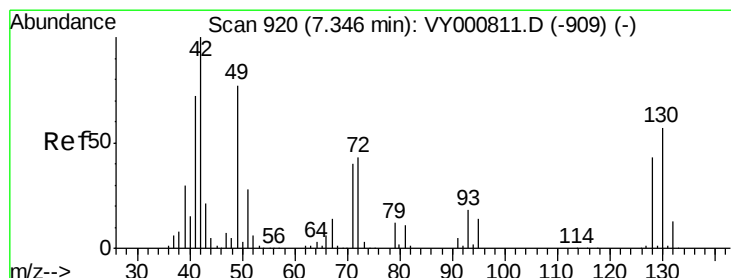
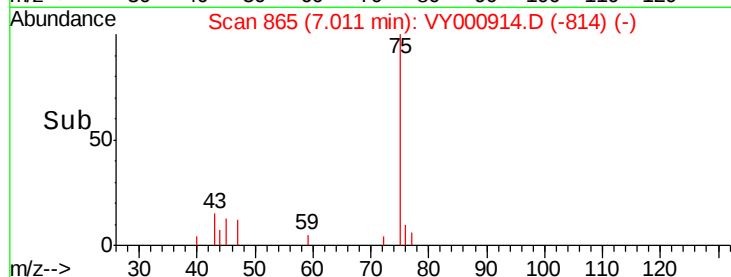
200

100

0

6.98 7.00 7.02 7.04 7.06

Time-->



#28

Bromochloromethane

Concen: 2.043 ug/l

RT: 7.44 min Scan# 936

Delta R.T. 0.10 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

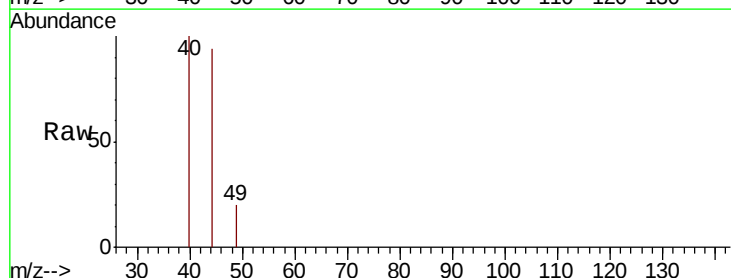
Tgt Ion: 49 Resp: 21

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

80

60

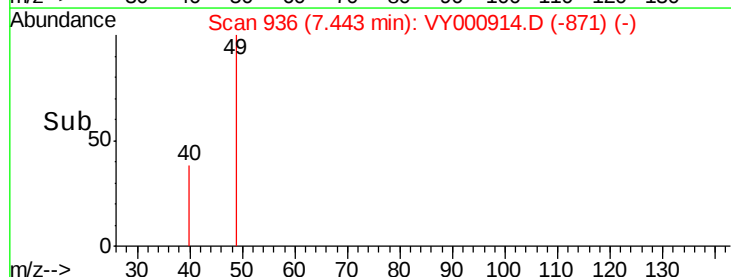
40

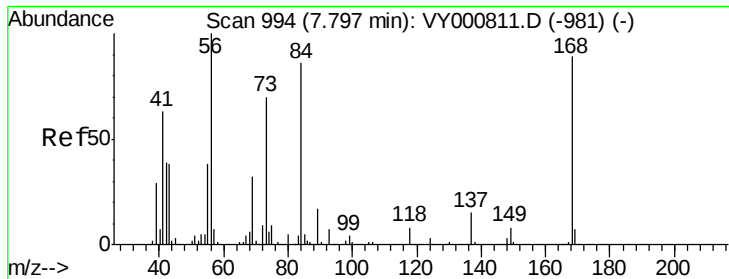
20

0

7.42 7.43 7.44 7.45 7.46

Time-->





#31

Cyclohexane

Concen: 1.059 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Instrument :
MSVOA_Y
ClientSampled :

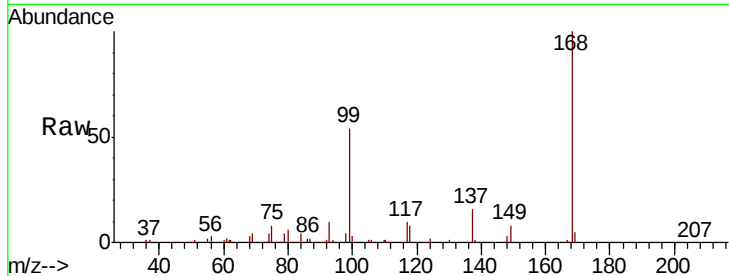
Tot Ion: 56 Resp: 2231

Ion Ratio Lower Upper

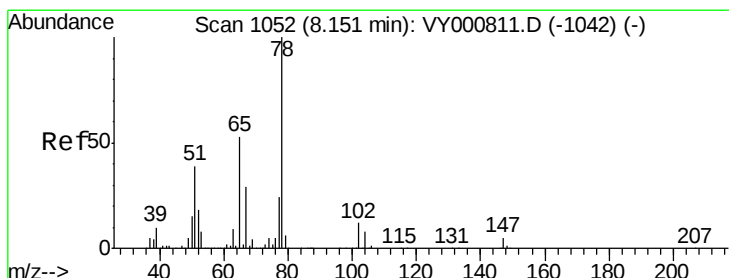
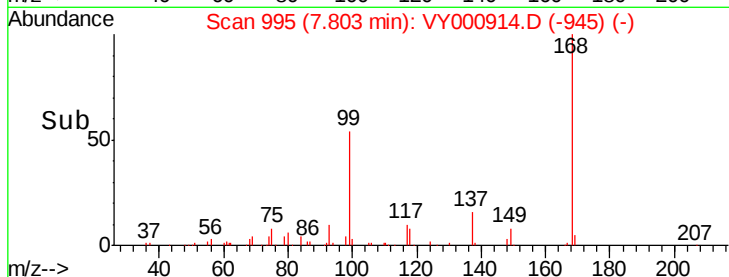
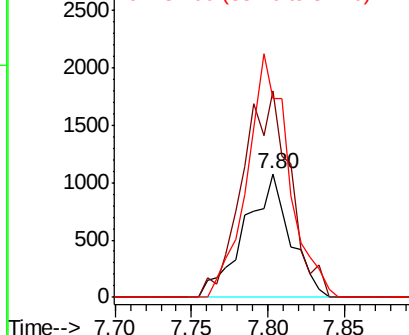
56 100

69 166.9 25.9 38.9#

84 161.5 68.6 102.8#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.464 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000914.D

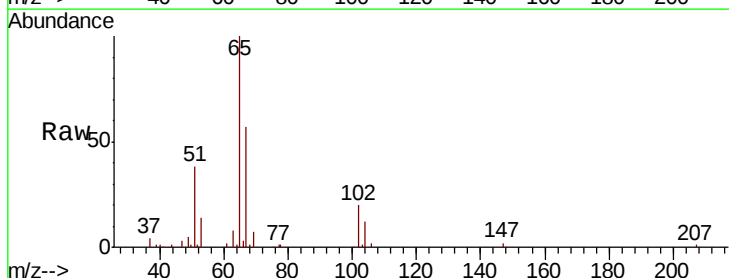
Acq: 09 Dec 2019 14:21

Tgt Ion: 65 Resp: 49101

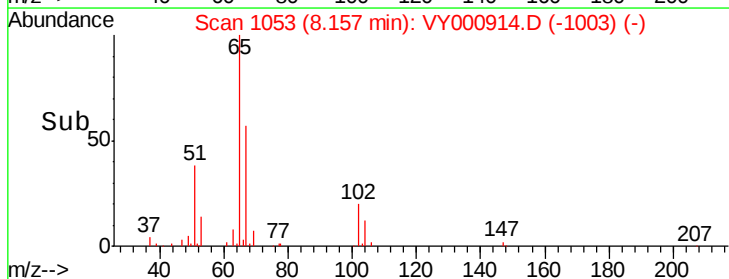
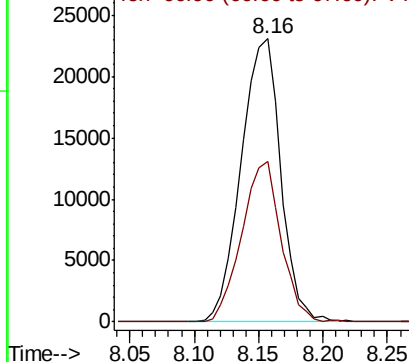
Ion Ratio Lower Upper

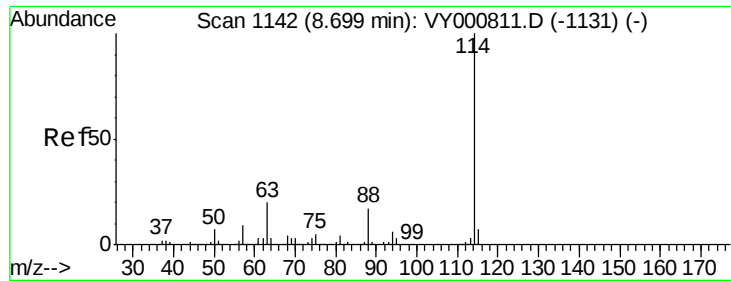
65 100

67 56.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

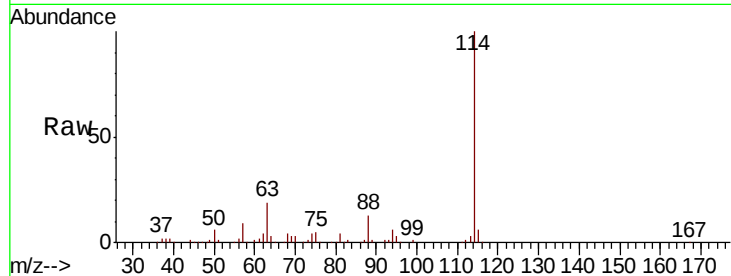




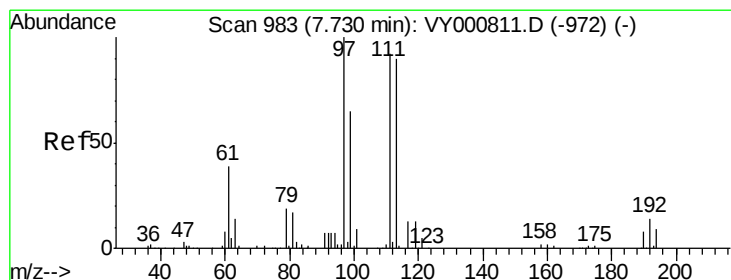
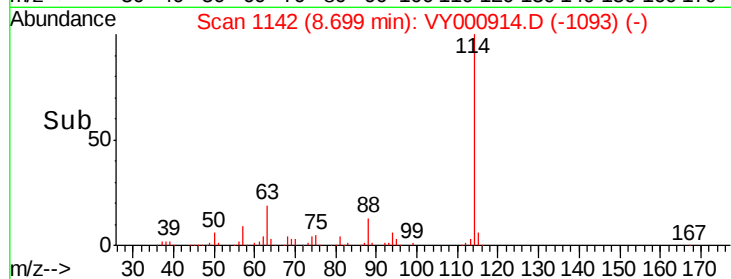
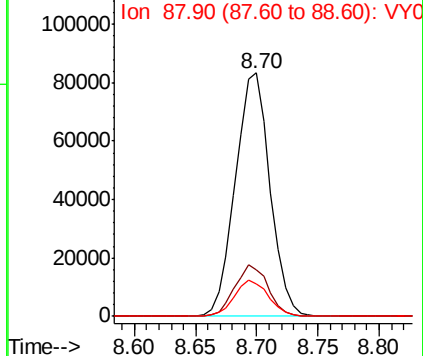
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	13.3	0.0	33.2

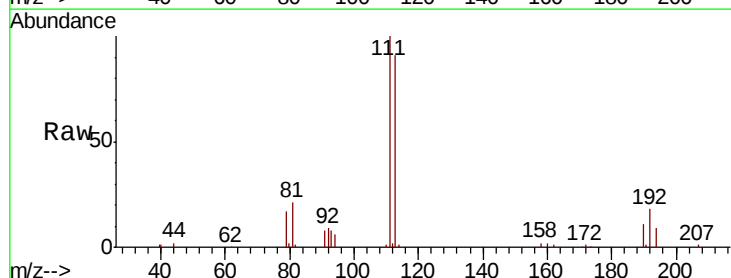


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

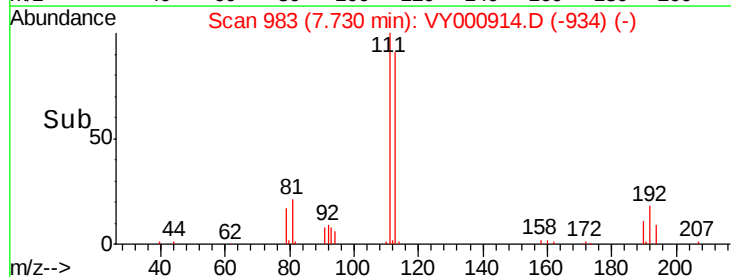
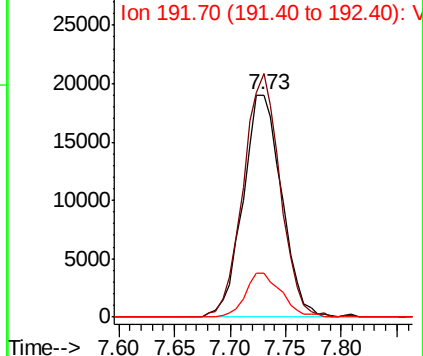


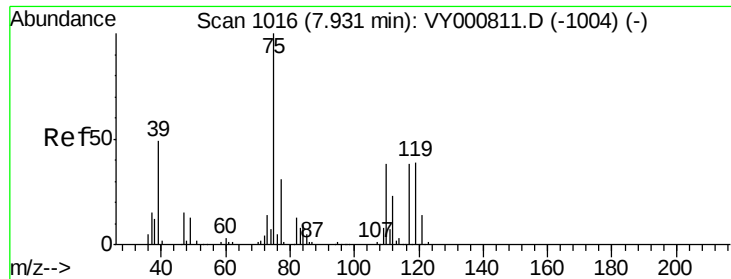
#35
 Dibromofluoromethane
 Concen: 48.216 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.4	123.6
192	18.5	14.2	21.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

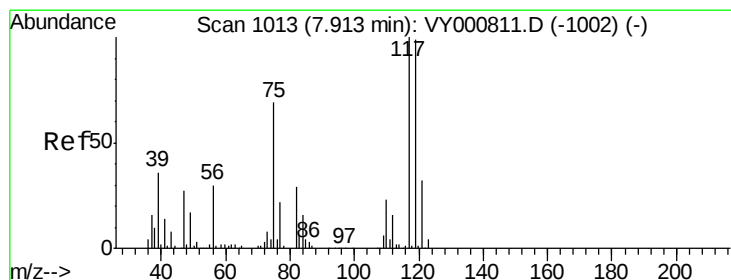
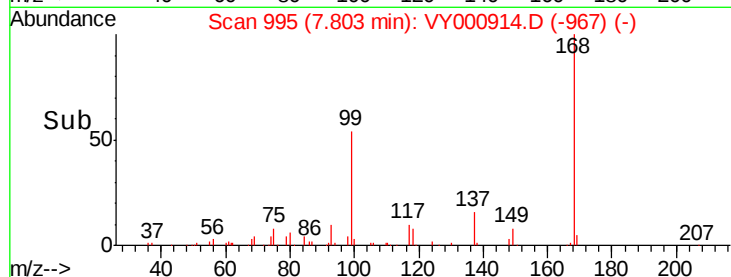
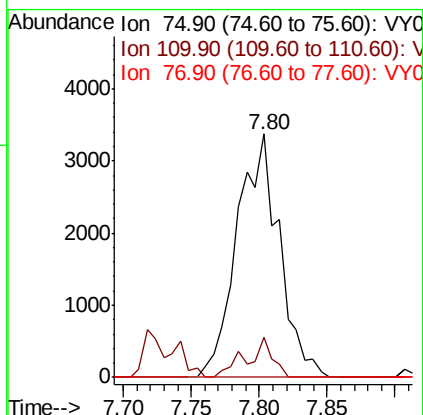
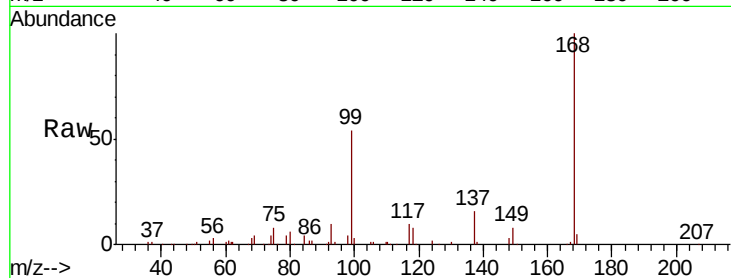




#36
 1,1-Dichloropropene
 Concen: 4.503 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

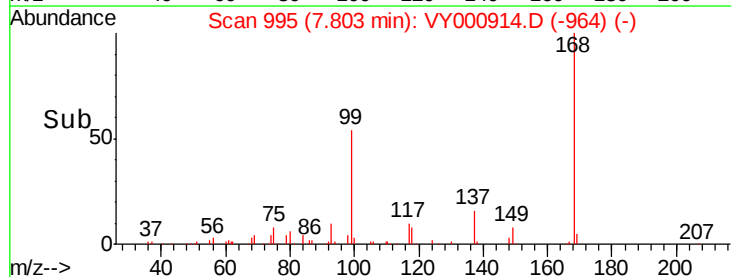
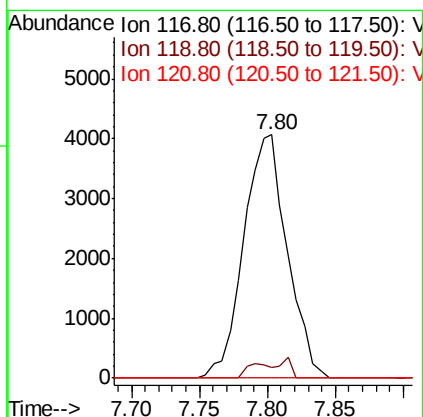
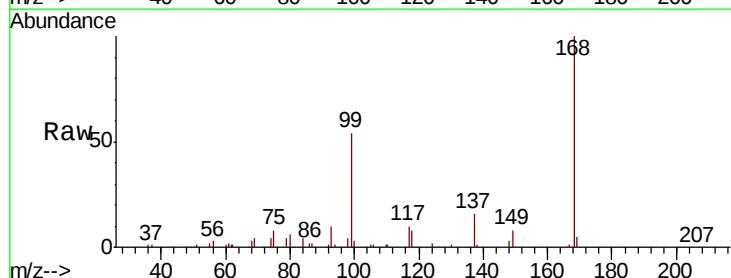
Instrument :
 MSVOA_Y
 ClientSampleId :

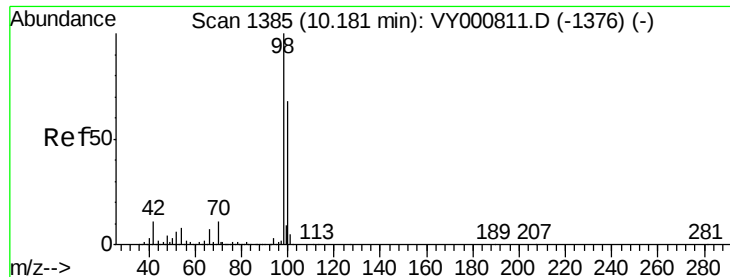
Tot Ion: 75 Resp: 7319
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.9 53.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.287 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000914.D
 Acq: 09 Dec 2019 14:21

Tgt Ion: 117 Resp: 9101
 Ion Ratio Lower Upper
 117 100
 119 4.6 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 50.084 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Instrument :

MSVOA_Y

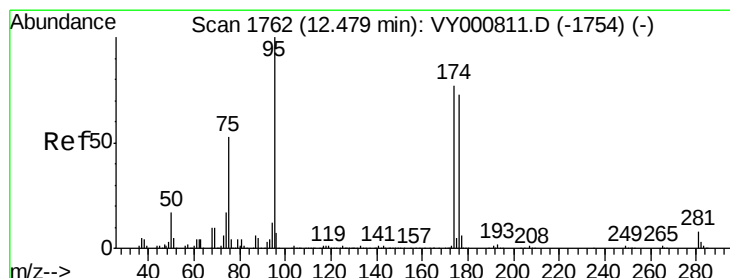
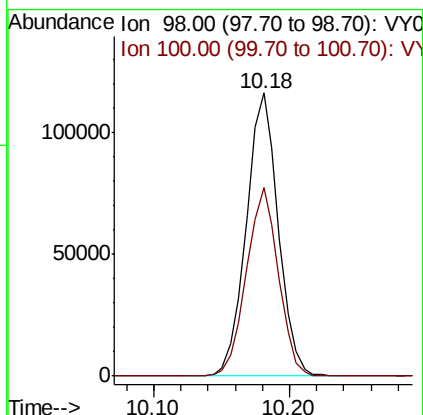
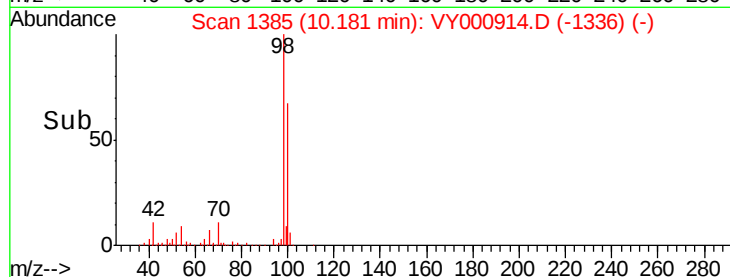
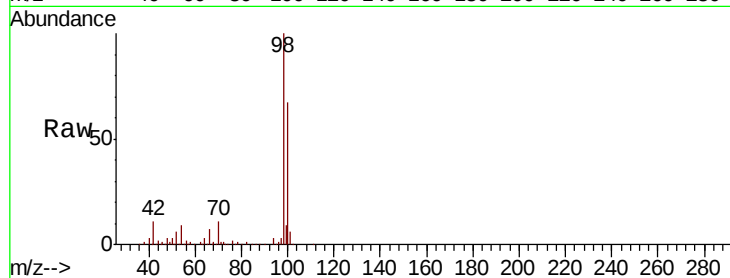
ClientSampled :

Tot Ion: 98 Resp: 190772

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.168 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

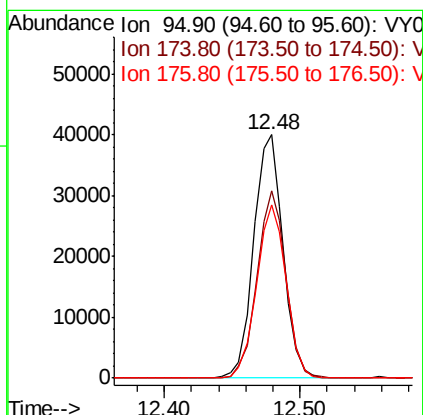
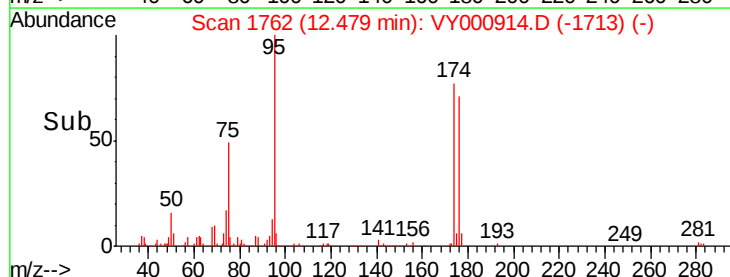
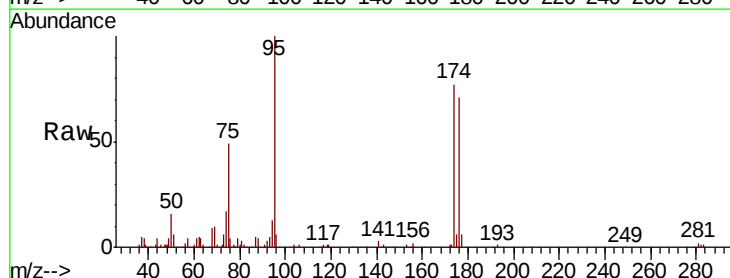
Tgt Ion: 95 Resp: 60320

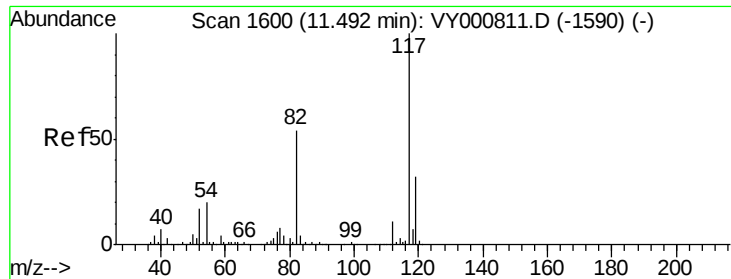
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 72.1 0.0 145.2

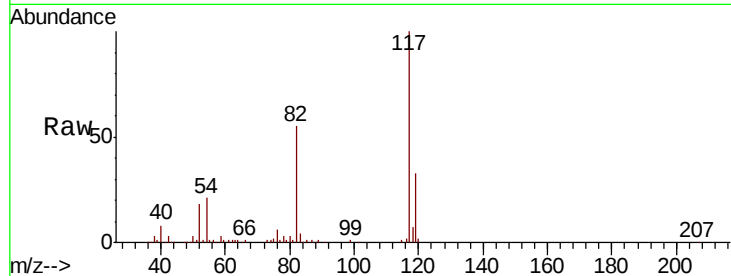




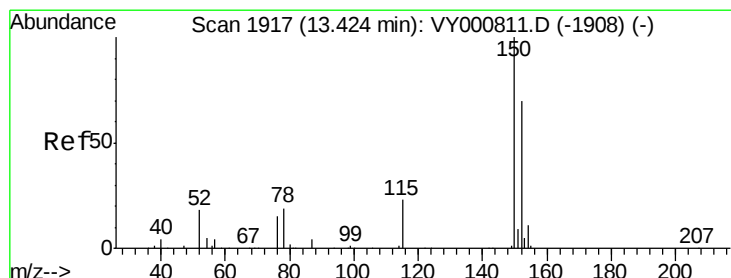
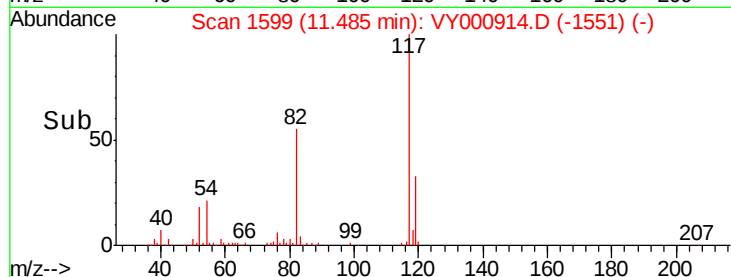
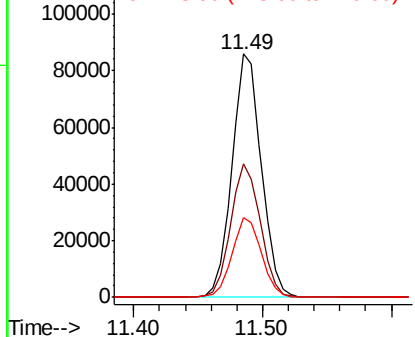
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000914.D
Acq: 09 Dec 2019 14:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 135838
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 32.7 25.3 37.9

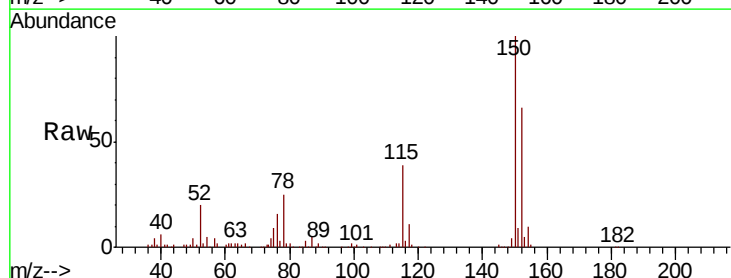


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

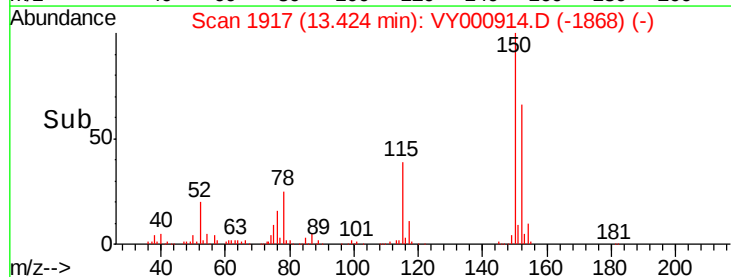
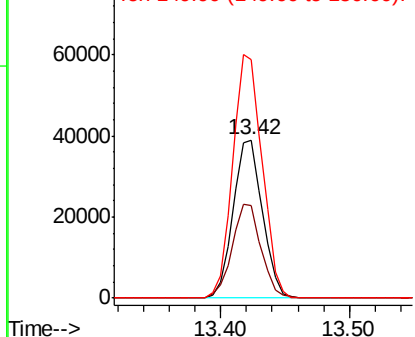


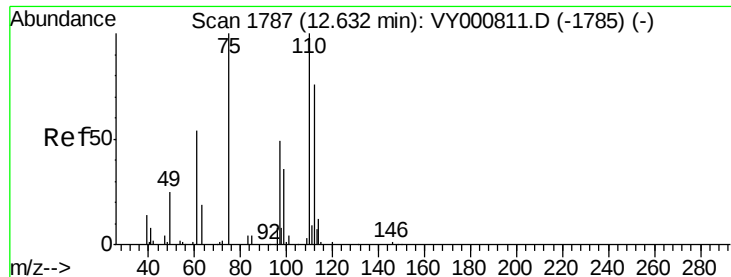
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000914.D
Acq: 09 Dec 2019 14:21

Tgt Ion:152 Resp: 61918
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 154.0 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 43.614 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Instrument :

MSVOA_Y

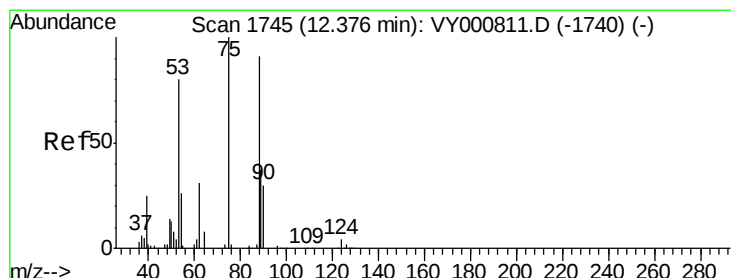
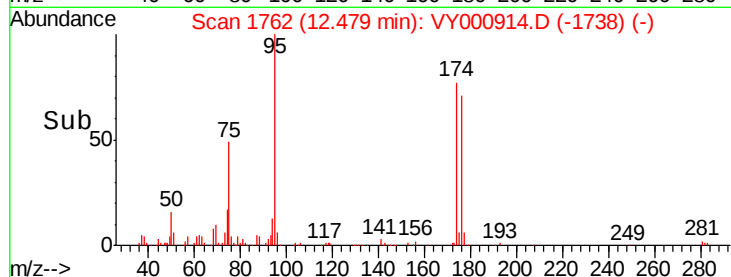
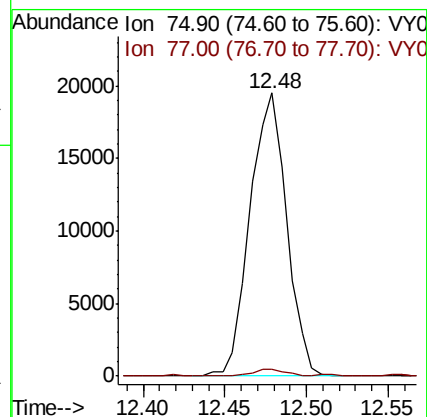
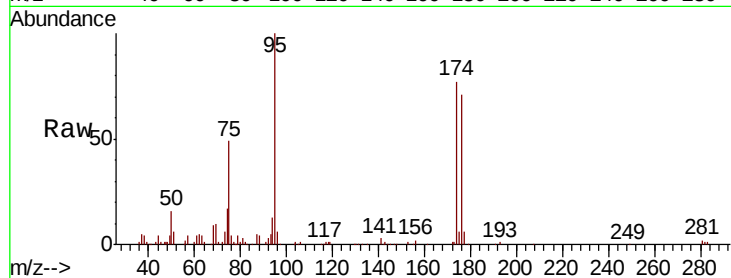
ClientSampleId :

Tot Ion: 75 Resp: 30596

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.670 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

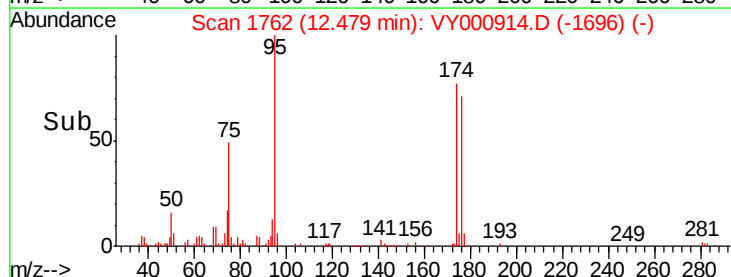
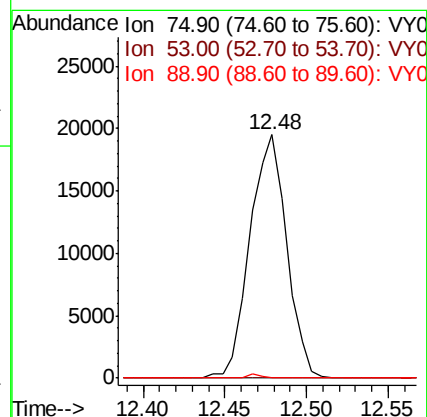
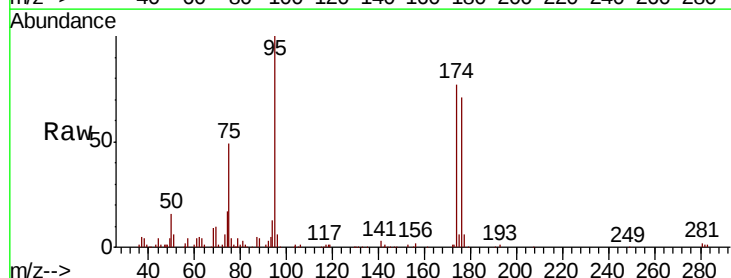
Tgt Ion: 75 Resp: 30596

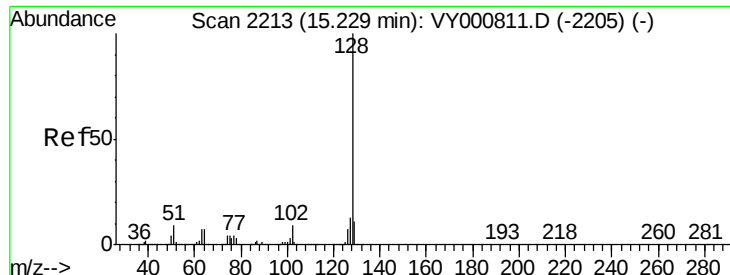
Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.6 33.6 50.4#





#95

Naphthalene

Concen: 3.852 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000914.D

Acq: 09 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 11413

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 14.2 8.8 13.2#

